

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
7 June 2001 (07.06.2001)

PCT

(10) International Publication Number  
WO 01/40466 A2

(51) International Patent Classification <sup>7</sup> :	C12N 15/12, C07K 14/47, 14/705, C12N 15/62, C07K 16/18, 16/28, G01N 33/53, A61K 38/17, C12Q 1/68	PCT/US99/30999 20 December 1999 (20.12.1999) US
(21) International Application Number:	PCT/US00/32678	PCT/US99/31243 30 December 1999 (30.12.1999) US
(22) International Filing Date:	1 December 2000 (01.12.2000)	PCT/US00/00219 5 January 2000 (05.01.2000) US
(25) Filing Language:	English	PCT/US00/00277 6 January 2000 (06.01.2000) US
(26) Publication Language:	English	PCT/US00/00376 6 January 2000 (06.01.2000) US
(30) Priority Data:		PCT/US00/03565 11 February 2000 (11.02.2000) US
	PCT/US99/28301 1 December 1999 (01.12.1999) US	PCT/US00/04341 18 February 2000 (18.02.2000) US
	PCT/US99/28634 1 December 1999 (01.12.1999) US	PCT/US00/04342 18 February 2000 (18.02.2000) US
	PCT/US99/28551 2 December 1999 (02.12.1999) US	PCT/US00/04414 22 February 2000 (22.02.2000) US
	PCT/US99/28564 2 December 1999 (02.12.1999) US	PCT/US00/04914 24 February 2000 (24.02.2000) US
	PCT/US99/28565 2 December 1999 (02.12.1999) US	PCT/US00/05004 24 February 2000 (24.02.2000) US
	60/170,262 PCT/US99/30095 16 December 1999 (16.12.1999) US	PCT/US00/05601 1 March 2000 (01.03.2000) US
	PCT/US99/30911 20 December 1999 (20.12.1999) US	PCT/US00/05841 2 March 2000 (02.03.2000) US
		60/187,202 PCT/US00/06319 10 December 1999 (10.12.1999) US
		PCT/US00/06884 15 March 2000 (15.03.2000) US
		PCT/US00/07377 20 March 2000 (20.03.2000) US
		PCT/US00/07532 21 March 2000 (21.03.2000) US

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(54) Title: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

MSTMFADTLLIVFISVCTALLAEGITWVLVYRTDKYKRLKAEVEKQSKKLEKKKETITESAGR  
 QQKKKIERQEEKLKNNNRDLSMVRMKSFMFAIGFCFTALMGMFNSIFDGRVVAKLPFTPLSYIQ  
 GLSHRNLLGDDTTDCSFIFLYILCTMSIRQNIQKILGLAPSRAATKQAGGFLGPPPSGKFS

**Important features:****Signal peptide:**

amino acids 1-22

**N-myristylation sites.**

amino acids 103-109, 163-169

**cAMP- and cGMP-dependent protein kinase phosphorylation site.**

amino acids 53-57

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(57) Abstract: The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.